

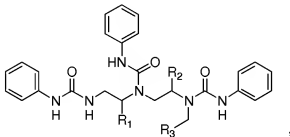
AMENDMENTS

Please amend the claims as follows:

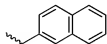
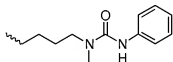
Please cancel claims 70, 71, 76 and 77.

Claims 1-68 (Canceled).

69. (Currently amended) An isolated agent comprising the core structure TPI 927 having the formula:



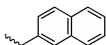
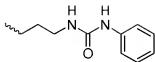
wherein R_1 is selected from the group consisting of



;

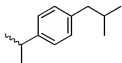
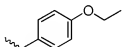
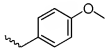
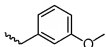
R_2 is selected from the group consisting of

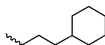


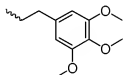
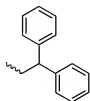


;

R₃ is selected from the group consisting of







,

wherein said agent derepresses an inhibitor of apoptosis protein- (IAP-) inhibited caspase.

70. (Canceled)

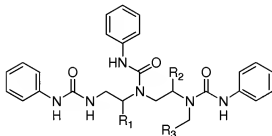
71. (Canceled)

72. (Currently amended) The agent of ~~any of claims claim~~ 69 to 74, wherein said agent derepresses an X chromosome linked IAP- (XIAP-) inhibited caspase.

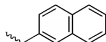
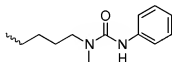
73. (Currently amended) The agent of ~~any of claims claim~~ 69 to 74, wherein said agent derepresses an XIAP-inhibited caspase-3.

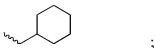
74. (Currently amended) A pharmaceutical composition comprising the agent of ~~claims claim~~ 69 to 74 and a pharmaceutically acceptable carrier.

75. (Currently amended) A complex comprising an IAP bound to an agent comprising the core structure TPI 927 having the formula

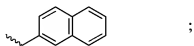
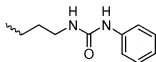


wherein R₁ is selected from the group consisting of

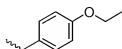
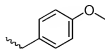
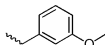


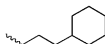
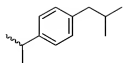


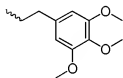
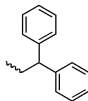
R₂ is selected from the group consisting of



R₃ is selected from the group consisting of







76. (Canceled)

77. (Canceled)

78. (Currently amended) The complex of ~~any of claims claim 75 to 77~~ 75, wherein said IAP is selected from the group consisting of XIAP, c-IAP-1, c-IAP-2, and survivin.

79. (Previously presented) The complex of claim 78, wherein said IAP is XIAP.

80. (Previously presented) The complex of claim 78, wherein said IAP is c-IAP-1.

81. (Previously presented) The complex of claim 78, wherein said IAP is c-IAP-2.

82. (Previously presented) The complex of claim 78, wherein said IAP is survivin.

83. (Currently amended) A method of derepressing an IAP-inhibited caspase, comprising contacting an IAP-inhibited caspase with an effective amount of the agent of ~~any of claims claim 69-74~~ claim 69-74 to derepress an IAP-inhibited caspase.

84. (Withdrawn) The method of claim 83, wherein said IAP is selected from the group consisting of XIAP, c-IAP-1, c-IAP-2, and survivin.

85. (Withdrawn) The method of claim 83, wherein said caspase is selected from the group consisting of caspase-3, caspase-7 and caspase-9.

86. (Withdrawn) The method of claim 83, wherein said contacting is performed *in vitro*.

87. (Withdrawn) The method of claim 83, wherein said contacting occurs in a cell.

Please add the following new claims.

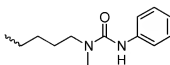
88. (New) The isolated agent of claim 69, wherein R₁ is



89. (New) The isolated agent of claim 69, wherein R₁ is



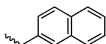
90. (New) The isolated agent of claim 69, wherein R₁ is



91. (New) The isolated agent of claim 69, wherein R₁ is



92. (New) The isolated agent of claim 69, wherein R₁ is



93. (New) The isolated agent of claim 69, wherein R₁ is



94. (New) The isolated agent of claim 69, wherein R₂ is



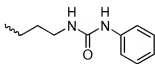
95. (New) The isolated agent of claim 69, wherein R₂ is



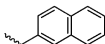
96. (New) The isolated agent of claim 69, wherein R₂ is



97. (New) The isolated agent of claim 69, wherein R₂ is



98. (New) The isolated agent of claim 69, wherein R₂ is



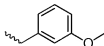
99. (New) The isolated agent of claim 69, wherein R₃ is



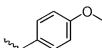
100. (New) The isolated agent of claim 69, wherein R₃ is



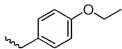
101. (New) The isolated agent of claim 69, wherein R₃ is



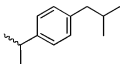
102. (New) The isolated agent of claim 69, wherein R₃ is



103. (New) The isolated agent of claim 69, wherein R_3 is



104. (New) The isolated agent of claim 69, wherein R_3 is



105. (New) The isolated agent of claim 69, wherein R_3 is



106. (New) The isolated agent of claim 69, wherein R_3 is



107. (New) The isolated agent of claim 69, wherein R_3 is



108. (New) The isolated agent of claim 69, wherein R_3 is



109. (New) The isolated agent of claim 69, wherein R_3 is



110. (New) The isolated agent of claim 69, wherein R_3 is



111. (New) The isolated agent of claim 69, wherein R_3 is



112. (New) The isolated agent of claim 69, wherein R_3 is



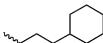
113. (New) The isolated agent of claim 69, wherein R_3 is



114. (New) The isolated agent of claim 69, wherein R_3 is



115. (New) The isolated agent of claim 69, wherein R_3 is



116. (New) The isolated agent of claim 69, wherein R_3 is



117. (New) The isolated agent of claim 69, wherein R_3 is



118. (New) The isolated agent of claim 69, wherein R_3 is



119. (New) The isolated agent of claim 69, wherein R_3 is



120. (New) The isolated agent of claim 69, wherein R_3 is



121. (New) The isolated agent of claim 69, wherein R_3 is



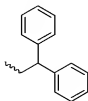
122. (New) The isolated agent of claim 69, wherein R_3 is



123. (New) The isolated agent of claim 69, wherein R_3 is



124. (New) The isolated agent of claim 69, wherein R_3 is



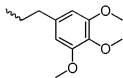
125. (New) The isolated agent of claim 69, wherein R_3 is



126. (New) The isolated agent of claim 69, wherein R_3 is



127. (New) The isolated agent of claim 69, wherein R_3 is



128. (New) The isolated agent of claim 69, wherein R_3 is



129. (New) The isolated agent of claim 69, wherein R_3 is

